

Abstract of the Disclosure

An ND filter includes a substrate formed in a plastic sheet and a deposit film deposited on a surface of the substrate. The plastic sheet is composed of a norbornene resin and the deposit film is composed of a nickel-chromium alloy. The norbornene resin has a small thermal shrinkage factor and prevents the plastic sheet from wrinkling. The nickel-chromium alloy has a good oxidation resistance and ensures a uniform light transmittance of the deposit film over the entire visible light region.